

Fig. 1

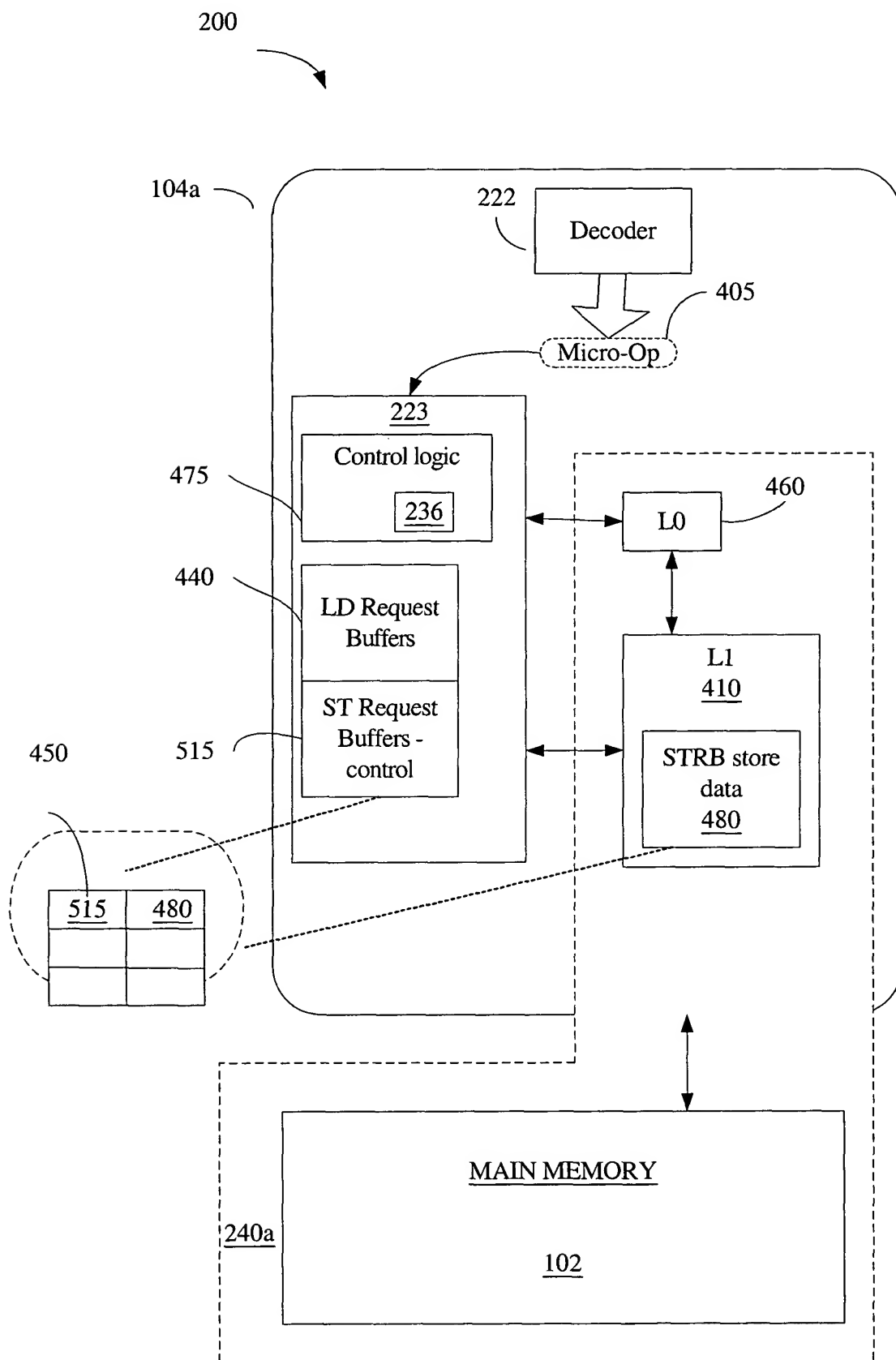


Fig. 2

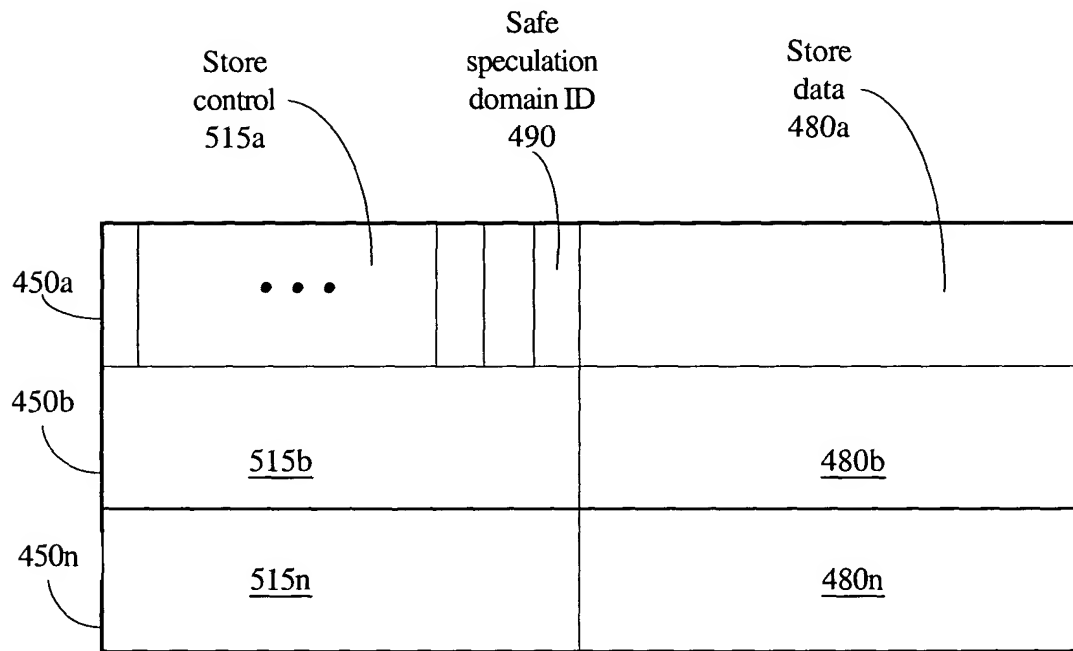


Fig. 3

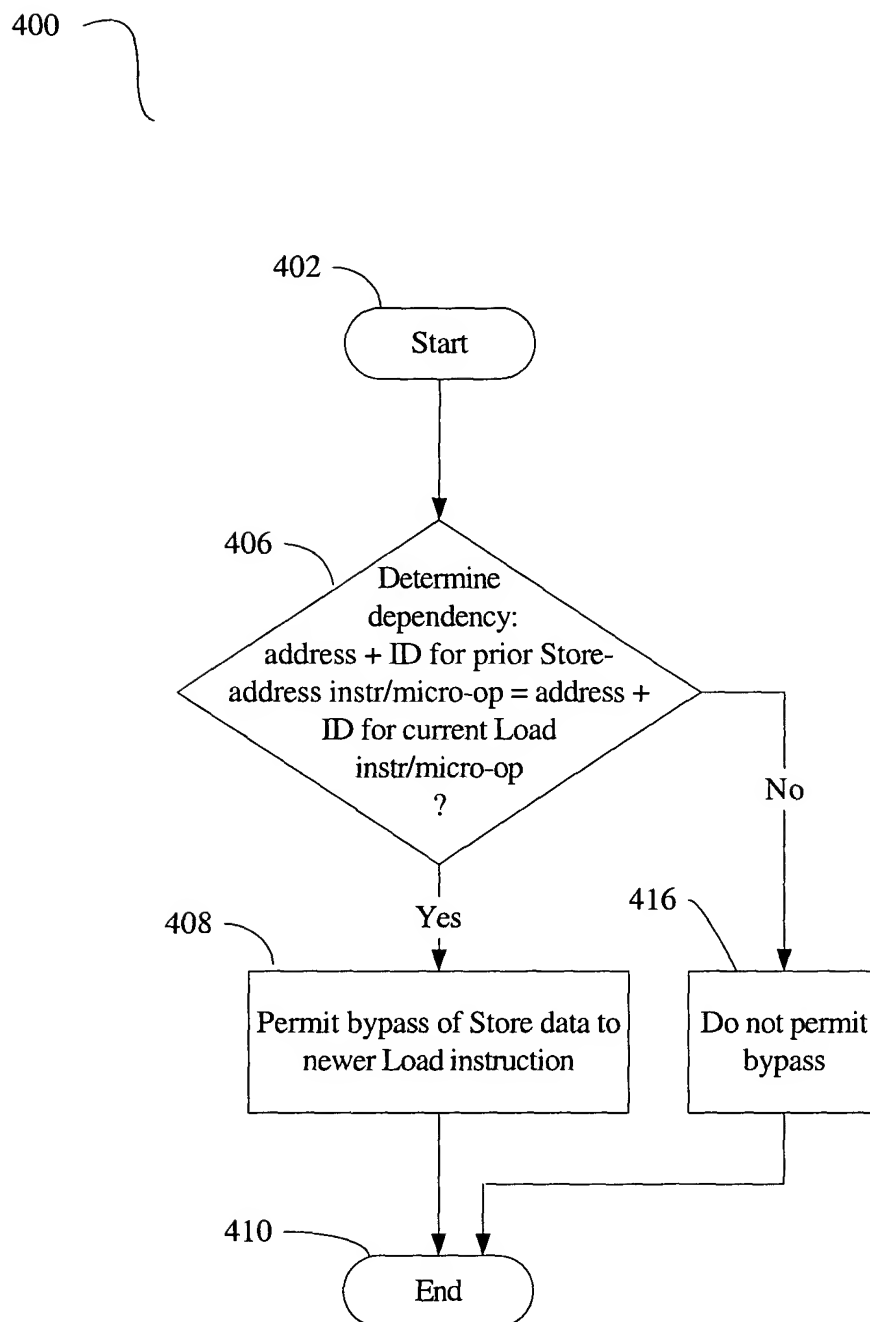


Fig. 4

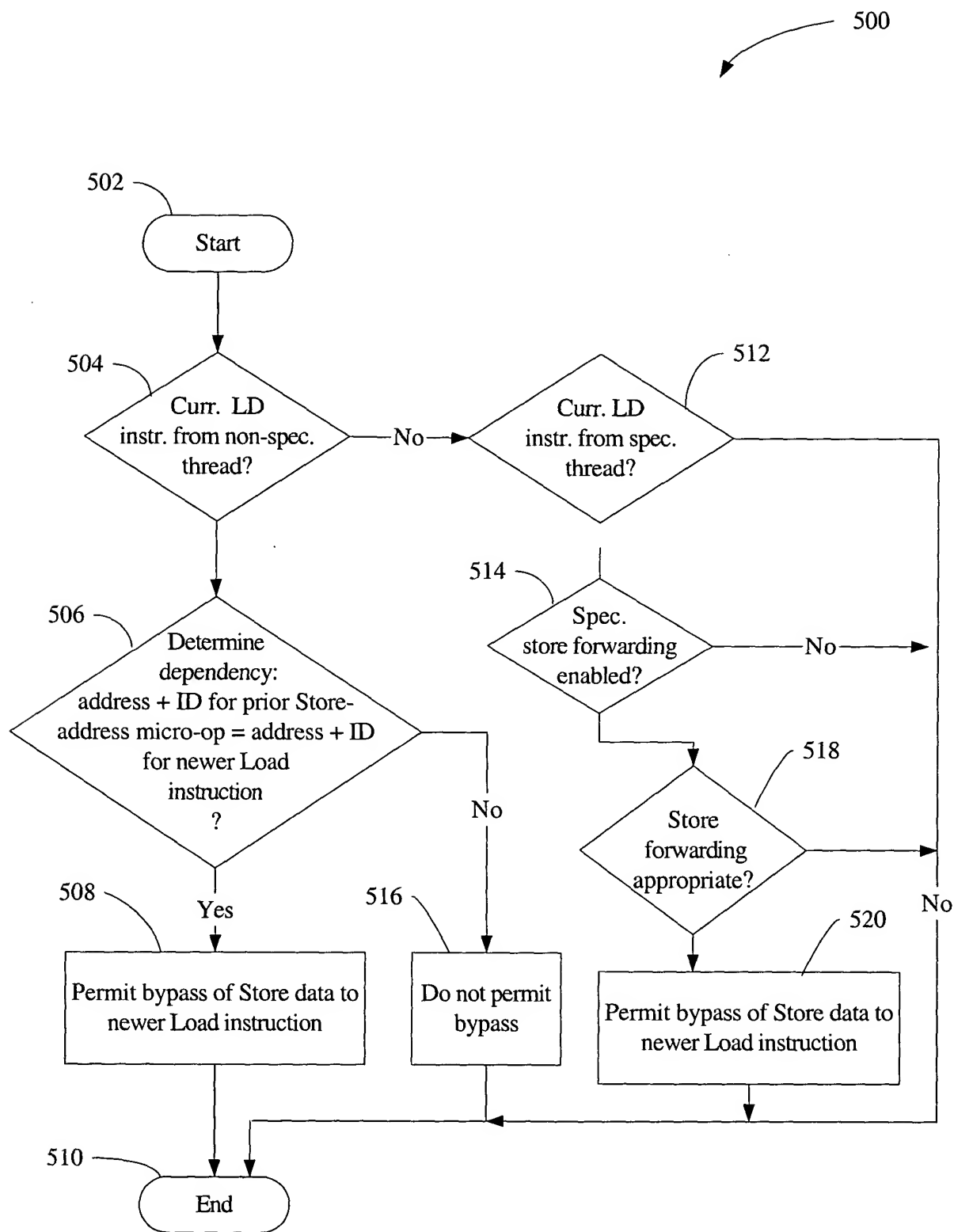


Fig. 5

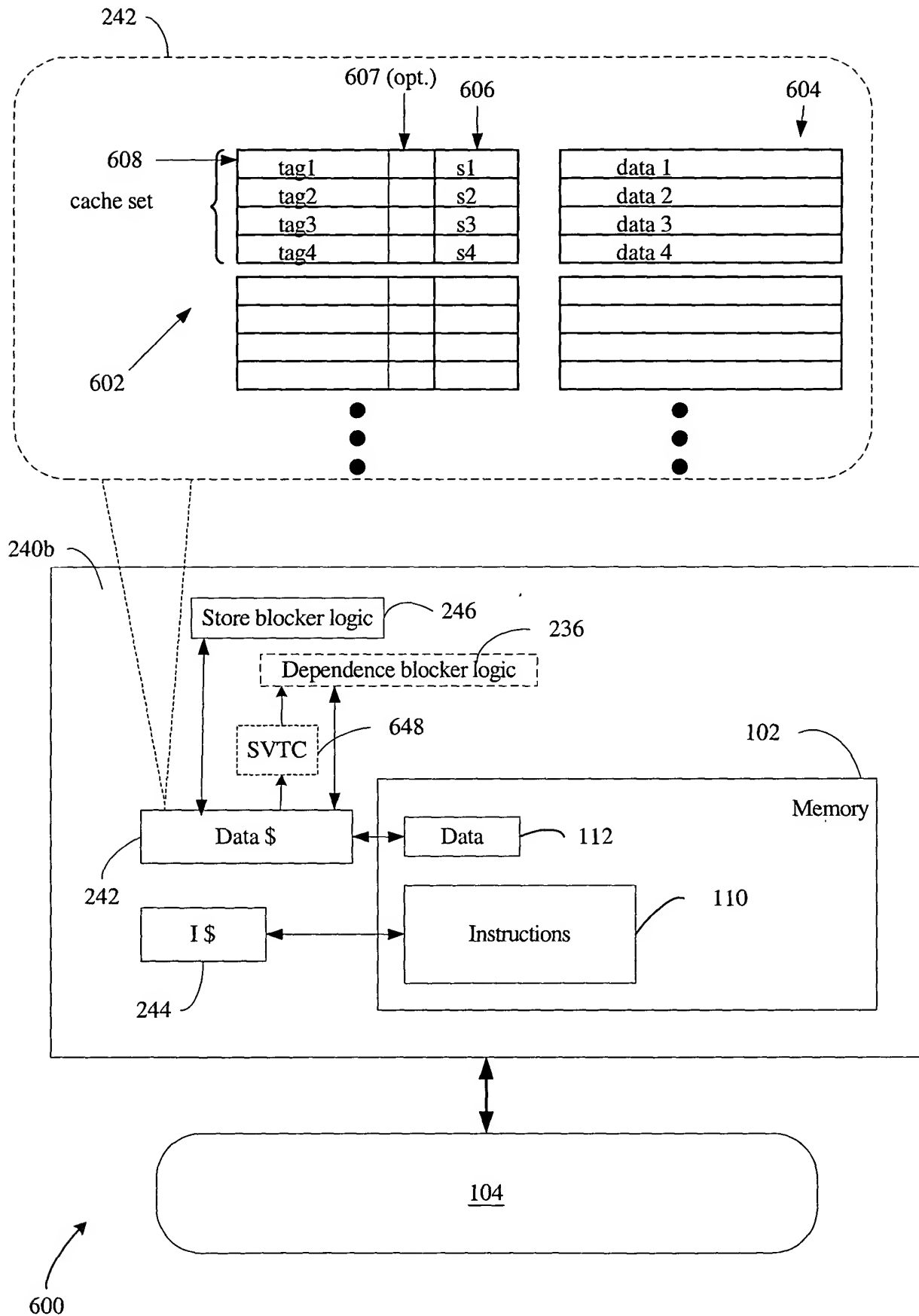


Fig. 6

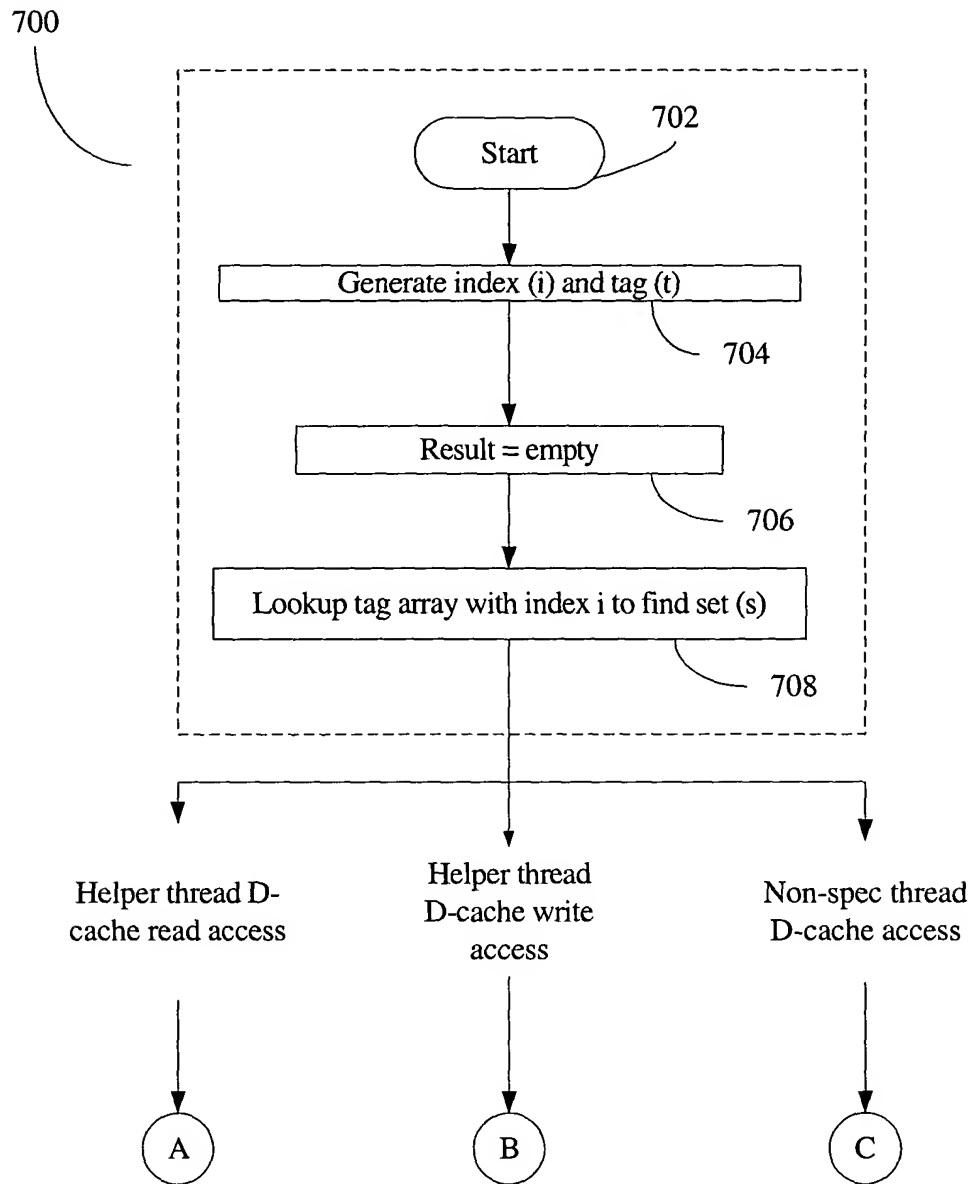


Fig. 7

Helper thread D-
cache read access

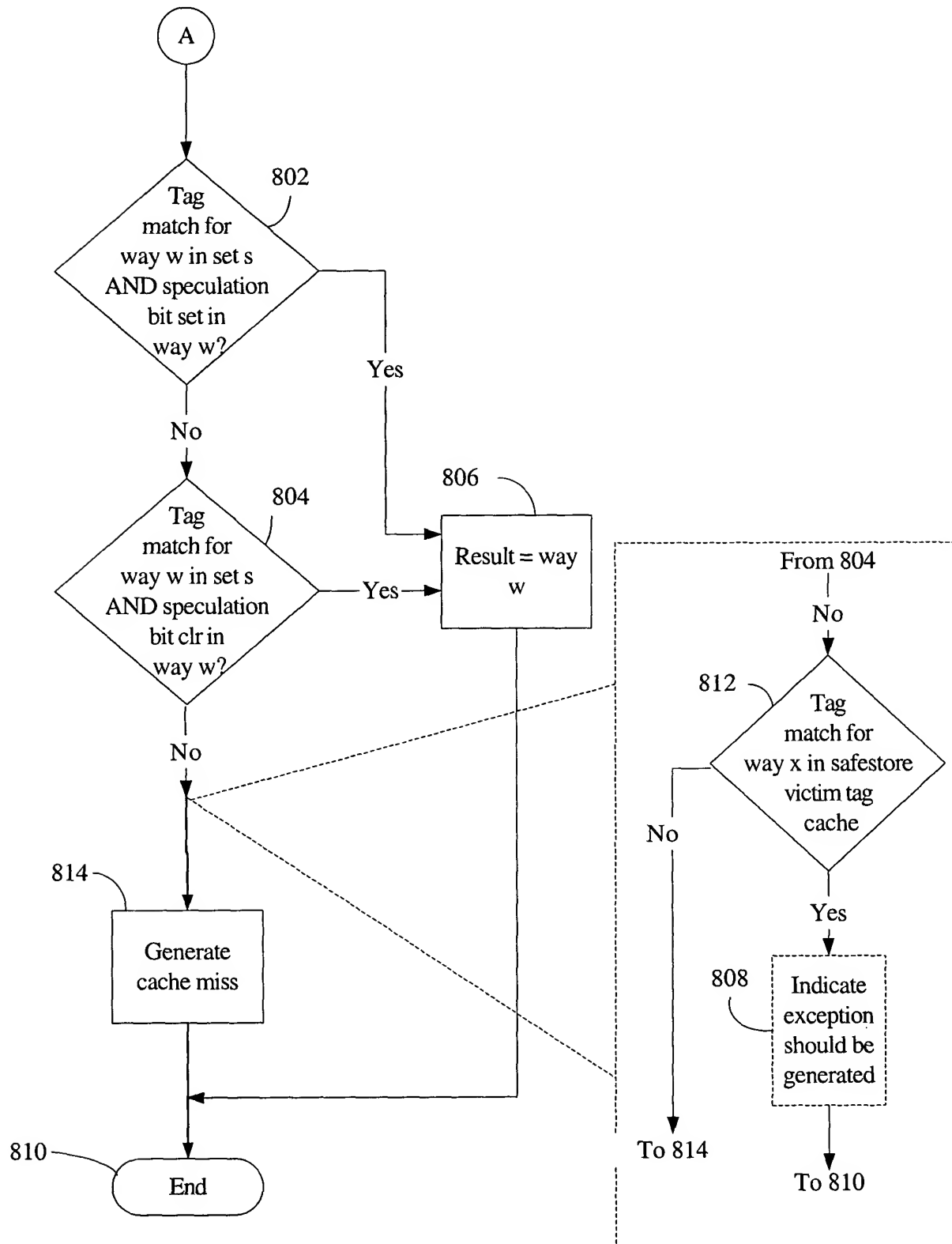


Fig. 8

Helper thread D- cache write access

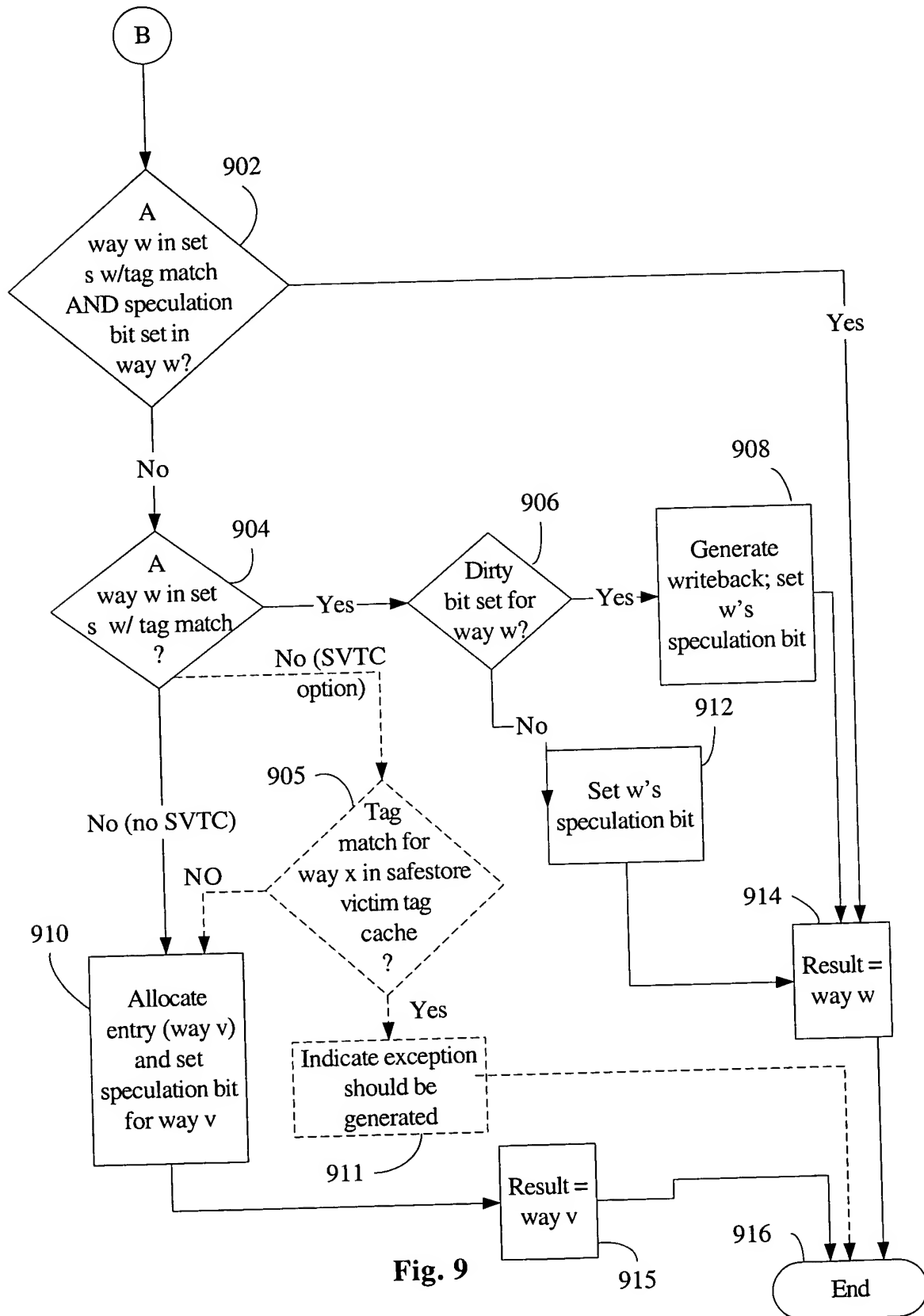


Fig. 9

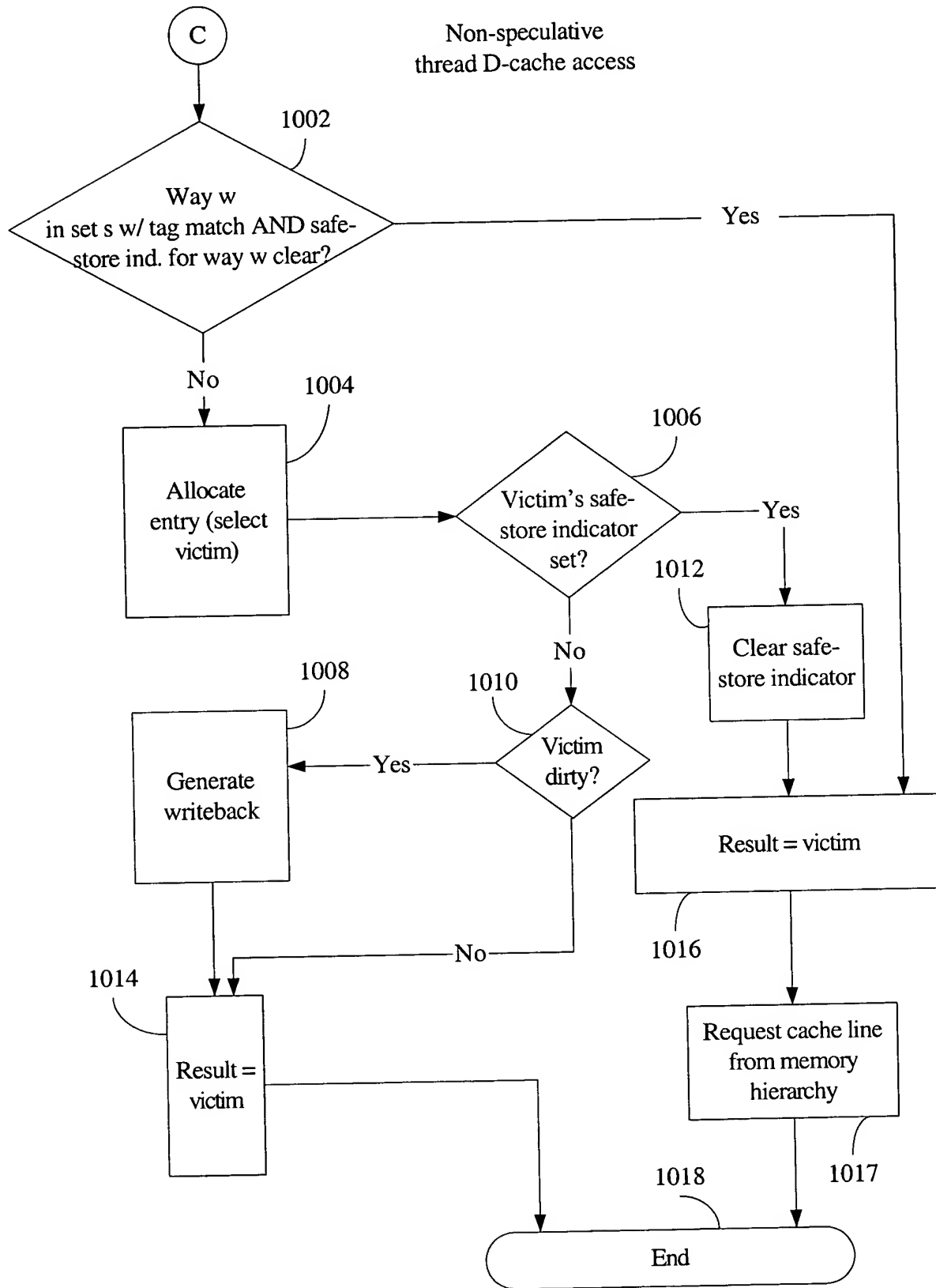


Fig. 10

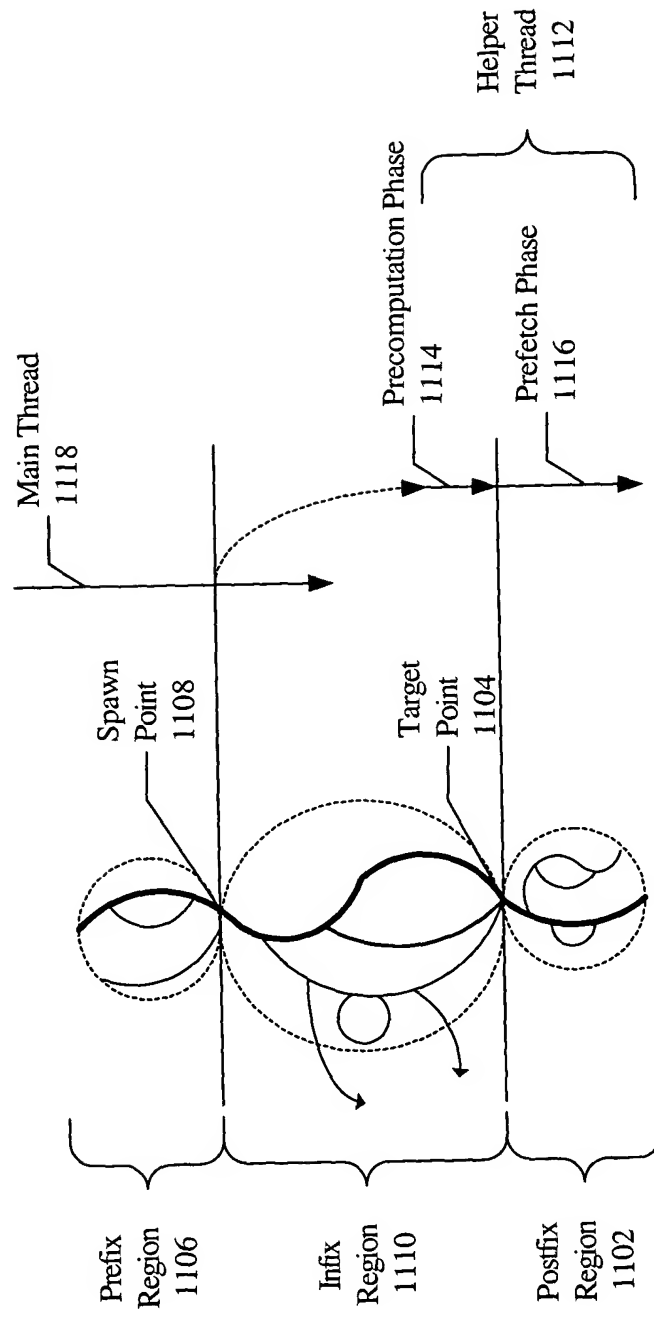


FIG. 11

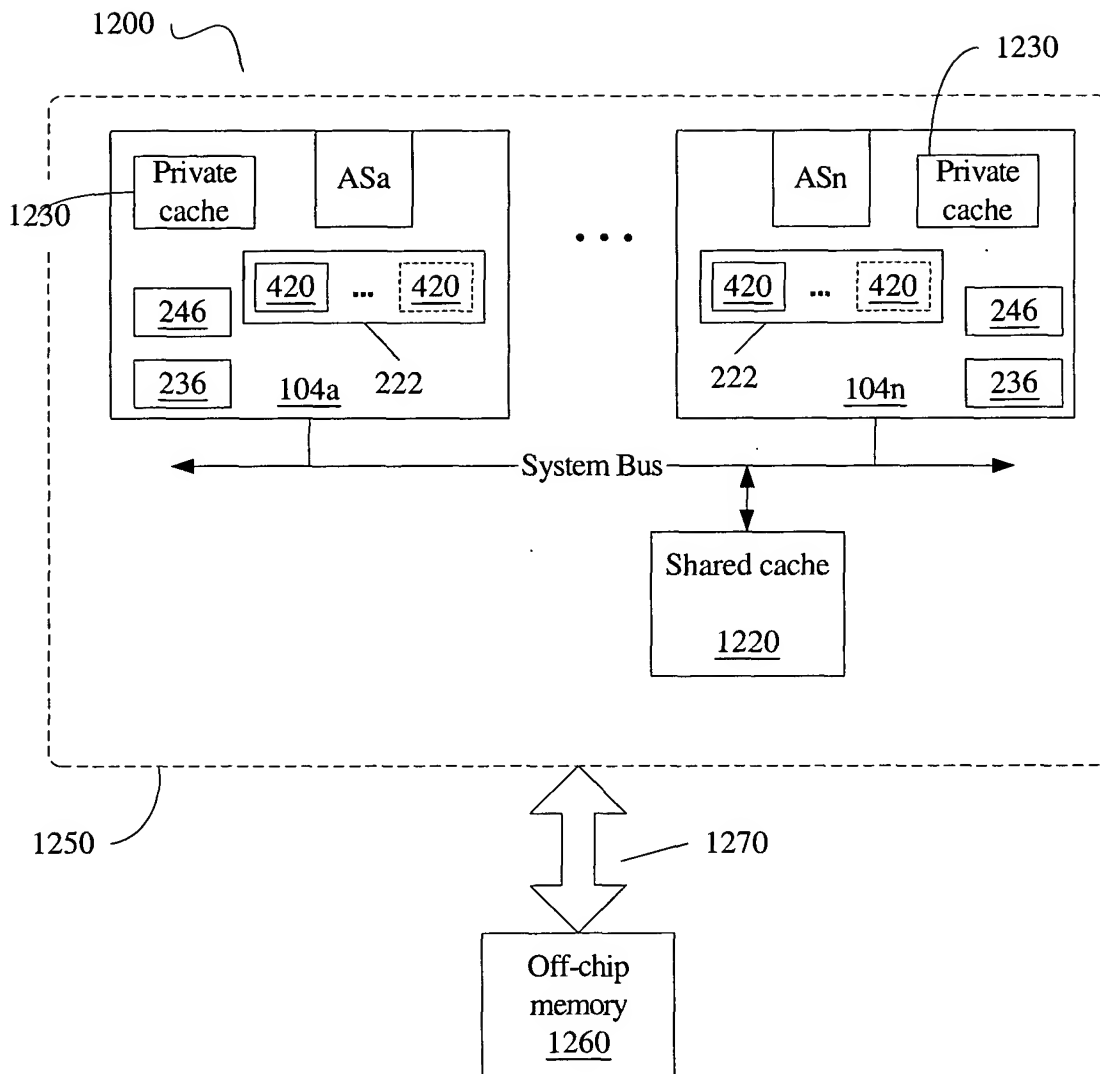


Fig. 12